

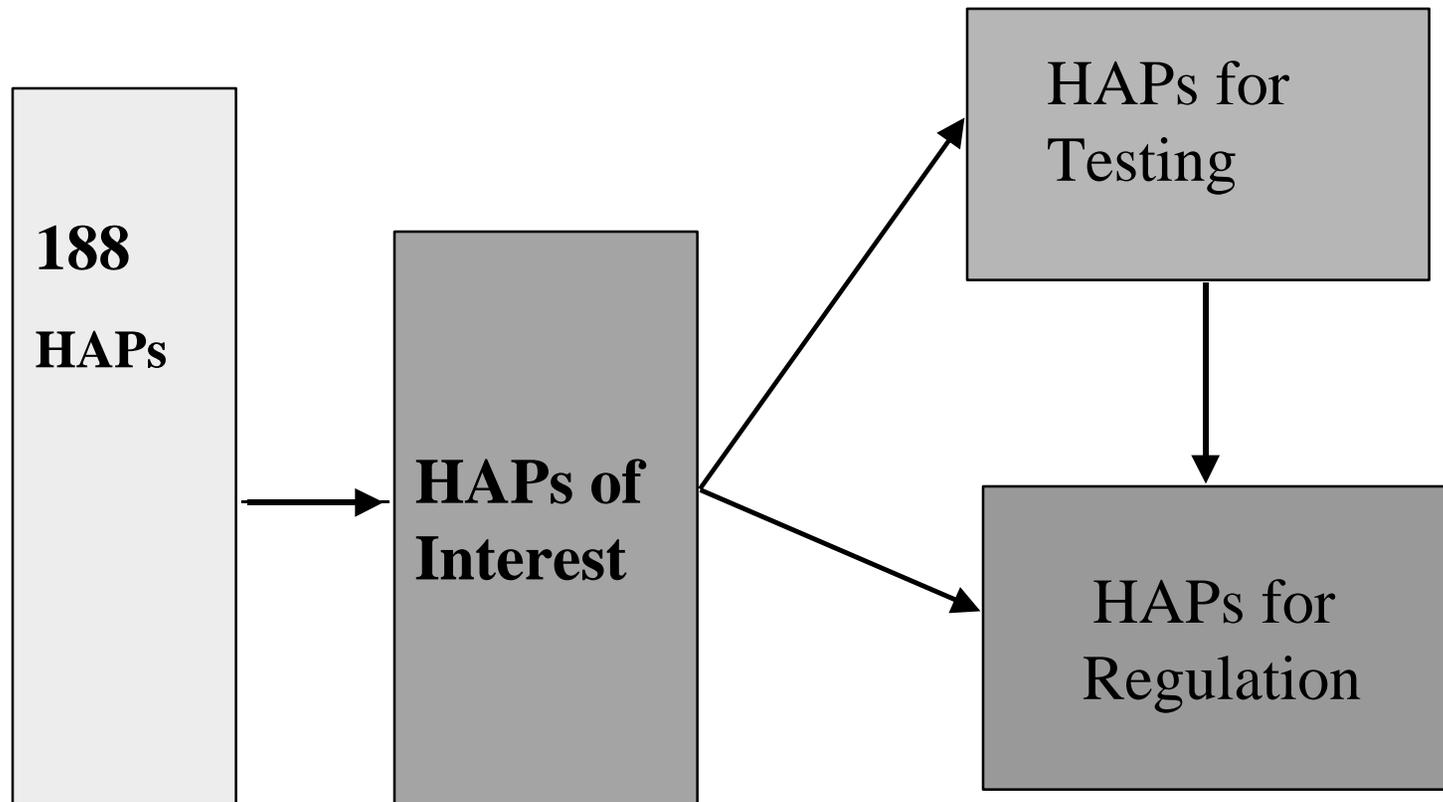
HAPs of Interest List Boiler Work Group

Industrial Combustion Coordinated
Rulemaking

Coordinating Committee

9/16/98

Definition of HAPs of Interest



Definitions - Gas/Oil/Coal

§ **GAS - Same as 40 CFR 60.41b**

- **Includes Wellhead, Pipeline, LPG Gases**
- **Gas Derived From Oil, Petroleum, Petrochemical Processing - Non Consensus to include with Gas**

§ **OIL**

- **Distillate Oil - Same as 40 CFR 60.41b**
- **Residual Oil - Same as 40 CFR 60.41b**

§ **Coal**

- **Same as 40 CFR 60.41b. Includes Anthracite, Bituminous, SubBituminous, Lignite.**

Selection Process



Gas HAPs of Interest

Chemical

Benzene

Toluene

Hexane

POM's

Formaldehyde

Nickel

Acetaldehyde

Dibenzofurans

Chemical

Phosphorus

Dioxin

Cadmium Compounds

Chromium Compounds

Cobalt Compounds

Lead Compounds

Manganese Compounds

Distillate Oil HAPs of Interest

Chemical

Benzene

1,3 Butadiene

Dioxins/Furans

POMs/naphthalene

Hydrochloric acid

Hydrogen fluoride

Formaldehyde

Acetaldehyde

Chemical

Arsenic

Beryllium

Cadmium

Chromium

Lead

Manganese

Mercury

Nickel

Residual Oil HAPs of Interest

Chemical

Benzene

1,3 Butadiene

Dioxins/Furans

POMs/naphthalene

Hydrochloric acid

Hydrogen fluoride

Formaldehyde

Selenium

Chemical

Arsenic

Beryllium

Cadmium

Chromium

Lead

Phosphorus

Manganese

Mercury

Nickel

Coal HAPs of Interest

Chemical

Benzene

Isophorone

Dioxins

POMs

Hydrochloric acid

Hydrogen fluoride

Acetaldehyde

Acrolein

Chemical

Arsenic

Beryllium

Cadmium

Chromium

Lead

Phosphorus

Manganese

Mercury

Nickel

Coal HAPs of Interest (Continued)

Chemical

Phenol

Cobalt

Selenium

Cyanide

Acrylamide

Acrylonitrile

2-chloro-acteophenone

Ethylene Dibromide

Chemical

Formaldehyde

Hexachlorobenzene

Methyl Chloride

Methyl Iodide

N-Nitrosodimethyl-
amine

1,1,2,2

Tetrachloroethane

Antimony

Compounds

Radionuclides